WEST Search History

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DATE: Tuesday, June 01, 2004

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		DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L3	L2 and 424/450.ccls.	2
☐	L2	(polymerization or polymerize) same (Xray) same (UV$)	292
☐	L1	(polymerization or polymerize) same (Xray) same (UV$)same liposom$	1

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Terms	Documents
L2 and (424/450).ccls.	2

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L1: Entry 1 of 1 File: USPT Jan 30, 2001

DOCUMENT-IDENTIFIER: US 6180135 B1
TITLE: Three-dimensional colorimetric assay assemblies

Detailed Description Text (37):
polymerization of the stirred liposome solution in a 1 cm quartz cuvette with a small 254 nm UV-lamp (pen-ray, energy: 1600 .mu.w/cm.sup.2) in a distance of 3 cm in a small chamber which is purged with nitrogen 20 minutes prior to and during the polymerization to replace all oxygen and to cool the sample; polymerization times vary between 5 and 30 minutes depending on the desired properties (color, polymerization degree) of the liposomes. Other organic solvent include benzene, alcohol, cyclohexane, hexanes, methylene chloride, acetonitrile, and carbontetrachloride. Other aqueous solutions include buffer solution, cell media, physiological saline, phosphate buffered saline, Trizma buffer, HEPES, and MOPS. Other inert gases include argon. Other polymerization means include gamma irradiation, electron beam or X-rays, or other low-energy ionizing sources. In one embodiment, the polymerization is continued until the liposomes are in the blue or purple phase. In some embodiments, the cooling step is conducted at temperatures between 4.degree. C. and -20.degree. C. for a period of time between 5 minutes and 5 hours. Polymerization can be accomplished by gamma radiation, electron beam, or X-rays.

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6180135 B1

Using default format because multiple data bases are involved.

L1: Entry 1 of 1 File: USPT Jan 30, 2001

US-PAT-NO: 6180135
DOCUMENT-IDENTIFIER: US 6180135 B1

TITLE: Three-dimensional colorimetric assay assemblies

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Charych; Deborah	Albany	CA		
Reichert; Anke	Albany	CA		

US-CL-CURRENT: 424/450; 424/417, 424/420, 424/812, 436/164, 436/171, 436/518, 436/528, 436/531, 436/805, 436/829

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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Terms	Documents
(polymerization or polymerize) same (Xray) same (UV$)same liposom$	1

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L3: Entry 2 of 2 File: USPT Oct 29, 1991

DOCUMENT-IDENTIFIER: US 5061484 A
TITLE: Perfluorochemical emulsion with stabilized vesicles

Brief Summary Text (27):
Polymerization of the monomeric emulsifying material may be initiated in a number of ways, depending on the material. Examples of polymerization initiation stimulation include ultraviolet (UV) radiation, X-ray radiation, heat, and chemical initiation, for example, using azoisobutylnitrile (AIBN) or azobis-(2-amidinopropane) dihydrochloride (AAPD). Preferably, the monomeric phospholipids are photopolymerizable, i.e., they can be initiated by UV radiation.

Current US Original Classification (1):
424/450

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6180135 B1

Using default format because multiple data bases are involved.

L3: Entry 1 of 2 File: USPT Jan 30, 2001

US-PAT-NO: 6180135
DOCUMENT-IDENTIFIER: US 6180135 B1

TITLE: Three-dimensional colorimetric assay assemblies

DATE-ISSUED: January 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Charych; Deborah	Albany	CA		
Reichert; Anke	Albany	CA		

US-CL-CURRENT: 424/450; 424/417, 424/420, 424/812, 436/164, 436/171, 436/518, 436/528, 436/531, 436/805, 436/829

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 5061484 A

L3: Entry 2 of 2 File: USPT Oct 29, 1991

US-PAT-NO: 5061484
DOCUMENT-IDENTIFIER: US 5061484 A

TITLE: Perfluorochemical emulsion with stabilized vesicles

DATE-ISSUED: October 29, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Heldebrant; Charles M.	Arcadia	CA		

US-CL-CURRENT: 424/450; 264/4.7, 514/672, 514/743, 514/756, 514/832

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De